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Professional LCD Displays you simply can't ignore.

Range Guide 2010

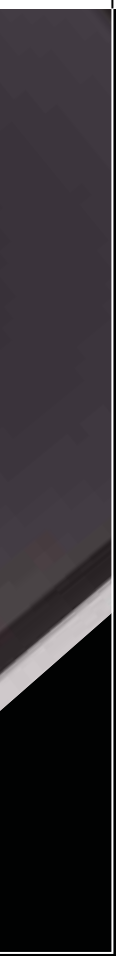
www.pro.sony.eu/digitalsignage

GXD-L65H1 GXD-L52H1 FWD-S47H1 FWD-S42H1 FWD-S42E1 KDL55EX500PAEP* KDL46EX500PAEP* KDL40EX500PAEP* KDL32EX500PAEP*

Your guide to our range of innovative, feature-rich Professional LCD Displays.

*UK product codes are KDL55EX503PAEP, KDL46EX503PAEP, KDL40EX503PAEP, KDL32EX503PAEP

Sony Professional displays are created based on our decades of experience in professional display technology. We have created a wide portfolio of displays suitable for a diverse range of digital signage applications including the retail, corporate, broadcast, medical, transport and venue sectors. Our product portfolio is comprised of the following three ranges:



65”/52”

GXD-L65H1 GXD-L52H1

65” and 52” Robust Full HD Displays

With Full HD resolution, these robust public displays are able to convey your message vibrantly in semi-outdoor environments.

47”/42”

FWD-S47H1 FWD-S42H1 FWD-S42E1

47” and 42” Slim Bezel Full HD Displays

Full HD slim bezel public displays that can form stunning video walls and deliver digital messaging which will create an impact.

55”-32”

KDL55EX500PAEP* KDL46EX500PAEP*
KDL40EX500PAEP* KDL32EX500PAEP*

55” - 32” Entry Level Full HD Displays

With Full HD resolution, the BRAVIA B2B displays are ideal for retail, venue, educational and corporate installations.

LCD vs plasma technology

LCD and plasma are completely different technologies. LCD pictures are created using light shone through the screen's matrix of coloured liquid crystal cells. Plasma is an array of gas cells sandwiched between two sheets of glass which emit light when a voltage is applied. But which is best?

Why Sony has adopted LCD

Sony's research shows that LCD technology will provide better quality pictures, improved longevity and reduced operational costs.

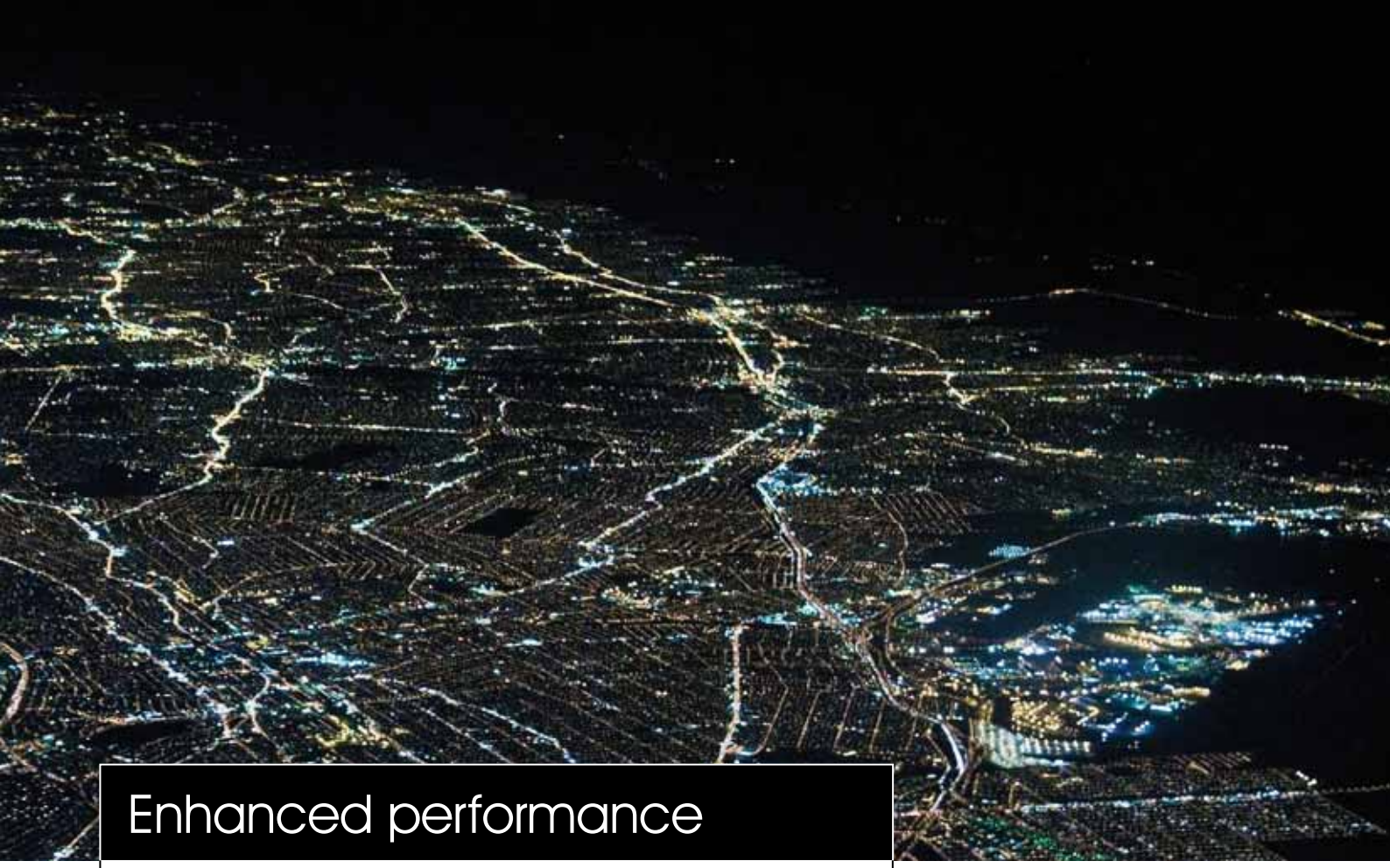
LCD delivers:

- Brightness stability and better 'all white/ all black' images than plasma
- A better contrast ratio in ambient light, creating strong visual presentations, even in strong daylight
- Better performance with static images without the danger of 'screen-burn' associated with plasma, ensuring that digital messaging does not become a permanent shadow on your screen
- Better efficiency, using less energy to display crisp sharp digital messaging

The advantages of Sony's LCD technology

Sony Professional has created a unique processor technology that outperforms other LCD flat screens:

- Effortlessly converts an analogue signal to digital, providing superb image stability and accuracy
- Creates a high-density picture with sharper details and first-rate depth perception
- Fine tunes and scales all the parameters to produce perfect reproduction
- Uses the industry's No.1 driver to generate depth of colour and natural contrast



Enhanced performance

Sony Professional's range of displays incorporate an industry-leading array of features to enable enhanced performance across the full scope of public applications.

Design: Sleek, elegant, timeless lines

LCD panel: Priority on brightness/ power consumption

Orientation: Designed for both landscape and portrait use

Multiple display: Multi display function for video walls and high impact presentation

Interface: Input selection and system capability, solid signal connection and embedded LAN (or RS232c) control terminal

Additional specialist features:

- Intelligent key lock (protected by password)
- Auto zoom
- PiP, PaP for videoconference, and other industrial applications
- Remote monitoring/diagnosis function, network reporting function
- Scheduling on/off function
- 'Power on Delay' for multi display application
- Power eco mode, screen saver mode and auto power save mode
- Index function for multi display

Sony Professional's unique range delivers all of this functionality in a range of versatile formats designed to meet just about every eventuality in public applications.

GXD-L65H1/GXD-L52H1

65" and 52" Robust Full HD Displays.

These displays have been designed to create an impact. Being the largest in our range, robustly built and with Full HD resolution, they are able to convey your message vibrantly in semi outdoor environments.

They have been designed to be resilient – the GXD-L65H1 has IP54 certification for being dust-proof and splash-proof. The GXD-L52H1 is IP30 certified for being dust resistant. In addition, both these models have an impact resistant tempered glass front panel. They also both incorporate an innovative 'Intelligent Backlight Control System' which ensures the screen will continue working even if one or more of the lamps fails.

Applications

The robustness and the reliability of these screens make them perfectly suited for installation into transport, manufacturing, sporting venues and retail environments. Furthermore, the HDSDI compatibility makes them suitable for use in broadcast and healthcare applications.

Other features

Anti-Glare Anti-Reflection AGAR Coated Front Glass Panel (GXD-L65H1) – to promote maximum visibility. (AG coated front panel on the GXD-L52H1).

High Level of Brightness (LCD Panel) – 700 cd/m^2.

Key features

IP54 Dust-proof & Splash-proof Design (GXD-L65H1) – Water splashing upon the screen from any angle will not affect the display. The design of this display will prevent dust particles entering in sufficient quantity and size to interfere with the safe and proper operation of the equipment.

Intelligent Backlight Control System – this has been designed so that if one of the Cold Cathode Fluorescent Lamp (CCFL) which make up the backlight fails, the display will still work. (Conventional monitors will switch off after the failure of one lamp). If a second CCFL fails, a warning report will be sent.

1080 Full HD
1080 Full High Definition refers to 1080 lines. This is the common broadcast format and 1080 Full HD replicates this exactly. All 1080 Full HD models are also HD ready but have a higher resolution of 6.2 megapixels to deliver clarity.

High Contrast Ratio of 2500:1
The high contrast ratio of these displays allow a distinct differentiation between the darkest and brightest colour, thereby optimising the clarity of your message.

Impact Resistant Front Panel
The robust glass front provides protection against impact, dirt and splashing. It can be replaced if damaged without removing the display from its mounting.

Picture-in-Picture (PiP), Picture-and-Picture (PaP)
PiP allows for the picture from a secondary source to be displayed within the main picture. PaP allows the pictures from two separate sources to be displayed side-by-side.

Range of Connectivity Options
These displays come with an array of connectivity options: These include a built-in RJ45 network connection and HDSDI Compatibility. High Definition connectivity options include HDMI, DVI–HDCP and inputs. Also RS-232C and Control-S connections are available with one of the Option Boards.*

Stylish Design – the materials used in these displays are stylish yet complement the resilient build. For example, the aluminium frame is robust, resilient and attractive.

* Please refer to 'Accessories' section

Control Panel Lock – Disable the control panel to prevent unauthorised changes of display settings.

Landscape & Portrait Installation – Sony logo and Menu are automatically switched according to screen layout.

Multi Display Setup – Besides 2x2, 3x3 and 4x4, you can now choose 1x2, 1x3, 1x4, 2x1, 3x1 and 4x1 formations.

On/Off Timer – Power on/off time can be programmed as hh:mm per day as well as on specific day(s) of the week.

DICOM-simulated Gamma – Allows for Simple Picture Viewing for Education and second viewing radiology.

Series		ROBUST – FULL HD	
Model		**GXD-L65H1**	**GXD-L52H1**
Panel	**Panel system**	**a-Si TFT Active Matrix LCD Panel**	**a-Si TFT Active Matrix LCD Panel**
	Panel size	**65"**	**52"**
	Native resolution	**1920 x 1080**	**1920 x 1080**
	Maximum resolution	**1920 x 1200**	**1920 x 1200**
	Luminance	**700 cd/m²**	**700 cd/m²**
	Contrast [dark room]	**2500:1**	**3000:1**
	Viewing angle [H/V]	**178°/178°**	**178°/178°**
	Pixel size [HxV]	**0.744 x 0.744mm**	**0.6 x 0.6mm**
	Colours	**1.06 billions**	**1.06 billions**
	Display area [HxV]	**1428.48 x 803.52mm**	**1152 x 648mm**
Input connectors	PC	HD15/DVI-HDCP	HD15/DVI-HDCP
	Video	Composite Video [BNC] / S-Video [mini-DIN4] / Component Video [HD15] / HDMI	Composite Video [BNC] / S-Video [mini-DIN4] / Component Video [HD15] / HDMI
	Audio	[Stereo mini jack] x3	[Stereo mini jack] x3
	Control	LAN [RJ45] / RS232C* / S Control*	LAN [RJ45] / RS232C* / S Control*
Output connectors	PC	RGB / Component Video [HD15]	RGB / Component Video [HD15]
	Video	Composite Video [BNC]	Composite Video [BNC]
	Audio	[Stereo mini jack] x1	[Stereo mini jack] x1
	Speaker L/R	Speaker Output [L/R] 6ohms 7W+7W	Speaker Output [L/R] 6ohms 7W+7W
	Control		-
Video signal	Colour system	NTSC, PAL, NTSC4.43, PAL-M, PAL60, PAL-N	NTSC, PAL, NTSC4.43, PAL-M, PAL60, PAL-N
	Sampling rate	13.5MHz to 162MHz	13.5MHz to 140MHz
Power requirements	Requirements	AC100-240V, 50/60Hz, Max 5.5A	AC100-240V, 50/60Hz
	Consumption	540W [max.]	380W [typ.]
	Standby	1W [Network not supported]	1W [Network not supported]
Dimensions	Dimensions	1557x931x183mm	1281x764x152mm
	Shipping dimensions	1681x1085x448mm	1400x922x366mm
	[Kg/lb]	94 / 207.2	65 / 143
	Shipping weight	103.0Kg	72.0 / 158.4
Optional slots	Optional slots	1 [Video/Com Port]	1 [Video/Com Port]
	Pre-installed option boards	-	-
PiP/PaP		Yes / Yes	Yes / Yes
Multi-display setup		2x2 / 3x3 / 4x4 1x2 / 1x3 / 1x4 2x1 / 3x1 / 4x1	2x2 / 3x3 / 4x4 1x2 / 1x3 / 1x4 2x1 / 3x1 / 4x1
Bezel colours	Colours available	Silver	Silver
Operating conditions	Temperature	0°C ~ 35°C [32°F ~ 95°F]	0°C ~ 35°C [32°F ~ 95°F]
	Humidity	20% ~ 90% [no condensation]	20% ~ 90% [no condensation]
Storing/Transporting conditions	Temperature	-10°C ~ 40°C [14°F ~ 104°F]	-10°C ~ 40°C [14°F ~ 104°F]
	Humidity	20% ~ 90% [no condensation]	20% ~ 90% [no condensation]
Supplied accessories		AC Power Cord x1 Remote Control RM-FW002 x1 Size AA [R6] Batteries x2 AC Plug Holder x2 LAN Cable x1 Operating Instructions x1	AC Power Cord x1 Remote Control RM-FW002 x1 Size AA [R6] Batteries x2 AC Plug Holder x2 Cable Holder x8 LAN Cable x1 Operating Instructions x1
Optional accessories		Speakers SS-SPG02	Speakers SS-SPG02
Option boards	BKM-FW50 Digital Signage Board	Yes	Yes
	BKM-FW21 Monitor Control Adaptor [RS232C straight cable][Control S In/Out]	Yes	Yes
	BKM-FW16 HDSDI Input/Output Adaptor [with audio]	Yes	Yes
	BKM-FW15 HDMI Input Adaptor [x2 inputs]	Yes	Yes
	BKM-FW12 Component/RGB Active Through Board	No [Built-in]	No [Built-in]
	BKM-FW11 Component/RGB Adaptor	Yes	Yes
	BKM-FW10 Video Input/Output Board	No [Built-in]	No [Built-in]
	BKM-FW32 Network Management Board for FWD series	No [Built-in]	No [Built-in]
Safety regulations		UL 60950-1, CSA No. 60950-1-03 [c-UL], FCC Class B, IC Class B, EN 60950-1 [NEMKO], CE, C-Tick	UL 60950-1, CSA No. 60950-1-03 [c-UL], FCC Class B, IC Class B, EN 60950-1 [NEMKO], CE, C-Tick
		*via option board BKM-FW21	* via option board BKM-FW21

Series		BRAVIA B2B			
Model		KDL55EX500PAEP*	KDL46EX500PAEP*	KDL40EX500PAEP*	KDL32EX500PAEP*
Display specs	Screen size (measured diagonally)	55"(54.6")	46"(46.0")	40"(40.0")	32"(31.5")
	Screen size (cm)	138.8cm	116.8cm	101.6cm	80.1cm
	Dynamic contrast ratio	High	High	High	High
	Viewing angle (right/left)	178(89/89)	178(89/89)	178(89/89)	178(89/89)
	Viewing angle (up/down)	178(89/89)	178(89/89)	178(89/89)	178(89/89)
	Display resolution	Full HD 1080(1920x1080)	Full HD 1080(1920x1080)	Full HD 1080(1920x1080)	Full HD 1080(1920x1080)
	Aspect ratio	16:09	16:09	16:09	16:09
Power	Power requirements (voltage)	AC 220-240V	AC 220-240V	AC 220-240V	AC 220-240V
	Power requirements (frequency)	50Hz	50Hz	50Hz	50Hz
	Power consumption (in operation)	263	197	170	119
	Power consumption (in standby)	0.2W	0.2W	0.2W	0.2W
Regulation and standard compliance	VESA® hole spacing compatible	Yes	Yes	Yes	Yes
	VESA® hole pitch	400x300 M6	300x300 M6	300x300 M6	200x200 M6
Measurements (approx.)	Monitor only (W x H x D)	Approx. 132.4x79.5x10.5 cm	Approx. 112.7x67.6x10.1 cm	Approx. 99.2x59.9x9.9 cm	Approx.80.0x49.7x9.6 cm
	Package carton (W x H x D)	Approx. 156.2x87.2x23.7 cm	Approx. 134.5x76.0x18.9 cm	Approx. 107.8x68.3x19.0 cm	Approx.90.8x58.0x18.7 cm
Weights (approx.)	Monitor only	Approx. 26.7 Kg	Approx. 18.7 Kg	Approx. 14.2 Kg	Approx.9.9 Kg
	Gross (package carton)	Approx. 36 Kg	Approx. 26 Kg	Approx. 20 Kg	Approx.14 Kg
Recycled & recyclable materials	Product materials	-	-	-	-
	Packaging materials	Recycled Carton (more than 70%)	Recycled Carton (more than 70%)	Recycled Carton (more than 70%)	Recycled Carton (more than 70%)
Common item	Destination (area)	EU/UK	EU/UK	EU/UK	EU/UK
	Destination (country)	EUR	EUR	EUR	EUR
Display features	Display device	LCD	LCD	LCD	LCD
	Backlight type	CCFL	CCFL	CCFL	CCFL
Video features	Picture mode	Vivid	Vivid	Vivid	Vivid
		Standard	Standard	Standard	Standard
		Custom	Custom	Custom	Custom
		Cinema	Cinema	Cinema	Cinema
		Game-Standard	Game-Standard	Game-Standard	Game-Standard
		Game-Original	Game-Original	Game-Original	Game-Original
		Graphics	Graphics	Graphics	Graphics
		Sports	Sports	Sports	Sports
		Photo-Vivid	Photo-Vivid	Photo-Vivid	Photo-Vivid
		Photo-Standard	Photo-Standard	Photo-Standard	Photo-Standard
		Photo-Original	Photo-Original	Photo-Original	Photo-Original
		Photo-Custom	Photo-Custom	Photo-Custom	Photo-Custom
	Auto wide	Yes	Yes	Yes	Yes
	Wide mode	Smart	Smart	Smart	Smart
		4:3	4:3	4:3	4:3
		Wide(Full1-2 for PC)	Wide(Full1-2 for PC)	Wide(Full1-2 for PC)	Wide(Full1-2 for PC)
		Zoom	Zoom	Zoom	Zoom
		14:9	14:9	14:9	14:9
	4:3 default	Yes	Yes	Yes	Yes
	Video processing	BRAVIA Engine 3™	BRAVIA Engine 3™	BRAVIA Engine 3™	BRAVIA Engine 3™
	Motionflow	100Hz	100Hz	100Hz	100Hz

*UK product codes are KDL55EX503PAEP, KDL46EX503PAEP, KDL40EX503PAEP, KDL32EX503PAEP

Series		BRAVIA B2B			
Model		**KDL55EX500PAEP***	**KDL46EX500PAEP***	**KDL40EX500PAEP***	**KDL32EX500PAEP***
Video features	Cinema mode	Yes	Yes	Yes	Yes
	Advanced contrast enhancer (ACE)	Yes	Yes	Yes	Yes
	24p True cinema	Yes	Yes	Yes	Yes
	Live Colour™ technology	Yes	Yes	Yes	Yes
	Deep colour / deep colour	Yes	Yes	Yes	Yes
	PhotoTV HD	Yes	Yes	Yes	Yes
	MPEG noise reduction	Yes	Yes	Yes	Yes
	3D comb filter	Yes	Yes	Yes	Yes
	CineMotion/Film mode/Cinema Drive	Yes	Yes	Yes	Yes
	Intelligent picture	Yes	Yes	Yes	Yes
		Photo-Original	Photo-Original	Photo-Original	Photo-Original
		Photo-Custom	Photo-Custom	Photo-Custom	Photo-Custom
Video specs	Video signal	1080/24p (HDMI™ only)	1080/24p (HDMI™ only)	1080/24p (HDMI™ only)	1080/24p (HDMI™ only)
		1080/50i	1080/50i	1080/50i	1080/50i
		1080/50p (HDMI™ / Component)	1080/50p (HDMI™ / Component)	1080/50p (HDMI™ / Component)	1080/50p (HDMI™ / Component)
		1080/60i	1080/60i	1080/60i	1080/60i
		1080/60p (HDMI™ / Component)	1080/60p (HDMI™ / Component)	1080/60p (HDMI™ / Component)	1080/60p (HDMI™ / Component)
		480/60i	480/60i	480/60i	480/60i
		480/60p	480/60p	480/60p	480/60p
		576/50i	576/50i	576/50i	576/50i
		576/50p	576/50p	576/50p	576/50p
		720/50p	720/50p	720/50p	720/50p
		720/60p	720/60p	720/60p	720/60p
Audio specs	Audio power output	20W (10W x 2)	20W (10W x 2)	20W (10W x 2)	20W (10W x 2)
	Speaker configuration	2	2	2	2
	Speakers (total)	2	2	2	2
Audio features	Invisible speaker (with sound elevation)	Yes	Yes	Yes	Yes
	Sound mode	Dynamic	Dynamic	Dynamic	Dynamic
		Standard	Standard	Standard	Standard
		Clear Voice	Clear Voice	Clear Voice	Clear Voice
	Surround effect	Cinema	Cinema	Cinema	Cinema
		Music	Music	Music	Music
		Live Sports	Live Sports	Live Sports	Live Sports
		Game	Game	Game	Game
	Clear voice	Yes	Yes	Yes	Yes
	Sound enhancer	Yes	Yes	Yes	Yes
	S-Master	Yes	Yes	Yes	Yes
	S-Force	Yes	Yes	Yes	Yes
	Dolby®	Dolby® Digital Plus	Dolby® Digital Plus	Dolby® Digital Plus	Dolby® Digital Plus
	Stereo system	A2	A2	A2	A2
		NICAM	NICAM	NICAM	NICAM
	STEADY SOUND automatic volume control	Yes	Yes	Yes	Yes
	Auto mute (on no signal)	Yes	Yes	Yes	Yes
	Audio out	Variable/Fixed	Variable/Fixed	Variable/Fixed	Variable/Fixed
	5.1 Channel audio out	Yes	Yes	Yes	Yes
	5.1ch Through out (Handycam)	Yes	Yes	Yes	Yes
	Headphone/Speaker Link	Yes	Yes	Yes	Yes

*UK product codes are KDL55EX503PAEP, KDL46EX503PAEP, KDL40EX503PAEP, KDL32EX503PAEP

Series		BRAVIA B2B			
Model		**KDL55EX500PAEP***	**KDL46EX500PAEP***	**KDL40EX500PAEP***	**KDL32EX500PAEP***
Inputs and outputs	RS232C input	1	1	1	1
	AC power input	1 (Rear)	1 (Rear)	1 (Rear)	1 (Rear)
	RF connection input(s)	1 (Rear)	1 (Rear)	1 (Rear)	1 (Rear)
	Composite video input(s)	1(Side)	1(Side)	1(Side)	1(Side)
	Component video (Y/Pb/Pr) input(s)	1 (Rear)	1 (Rear)	1 (Rear)	1 (Rear)
	SCART (without Smartlink)	2 (Rear)	2 (Rear)	2 (Rear)	2 (Rear)
	HDMI™ connection(s) (total)	4(2 Side/2 Rear)	4(2 Side/2 Rear)	4(2 Side/2 Rear)	4(2 Side/2 Rear)
	Analogue audio input(s) for HDMI™	1 (Rear)Use both as PC Audio in and HDMI-DVI Audio in	1 (Rear)Use both as PC Audio in and HDMI-DVI Audio in	1 (Rear)Use both as PC Audio in and HDMI-DVI Audio in	1 (Rear)Use both as PC Audio in and HDMI-DVI Audio in
	PC In (D-Sub) + audio in (stereo mini)	1 (Rear)Use both as PC Audio in and HDMI-DVI Audio in	1 (Rear)Use both as PC Audio in and HDMI-DVI Audio in	1 (Rear)Use both as PC Audio in and HDMI-DVI Audio in	1 (Rear)Use both as PC Audio in and HDMI-DVI Audio in
	PC input(s) (D-Sub)	1 (Rear)	1 (Rear)	1 (Rear)	1 (Rear)
	Video out (SCART)	1 (Rear)	1 (Rear)	1 (Rear)	1 (Rear)
	Rec out (video + rec out)	1 (Rear SCART)	1 (Rear SCART)	1 (Rear SCART)	1 (Rear SCART)
	Analogue audio input(s) (total)	5 (1 Side / 4 Rear)	5 (1 Side / 4 Rear)	5 (1 Side / 4 Rear)	5 (1 Side / 4 Rear)
	Digital audio output(s)	Optical Digital Output - 1 (Rear)	Optical Digital Output - 1 (Rear)	Optical Digital Output - 1 (Rear)	Optical Digital Output - 1 (Rear)
	Audio out	1 (Rear)	1 (Rear)	1 (Rear)	1 (Rear)
	Headphone output(s)	1 (Side)	1 (Side)	1 (Side)	1 (Side)
	USB 2.0	1 (Side)	1 (Side)	1 (Side)	1 (Side)
	Ethernet connection(s)	1 (Rear)	1 (Rear)	1 (Rear)	1 (Rear)
	PCMCIA slot(s)	1 (Side)	1 (Side)	1 (Side)	1 (Side)
	HDMI™ PC input	Yes	Yes	Yes	Yes
Network features	DLNA contents	Renderer (Photo/JPEG)	Renderer (Photo/JPEG)	Renderer (Photo/JPEG)	Renderer (Photo/JPEG)
		Renderer (Music/LPCM,MP3)	Renderer (Music/LPCM,MP3)	Renderer (Music/LPCM,MP3)	Renderer (Music/LPCM,MP3)
		Renderer (Video/MPEG2,AVCHD)	Renderer (Video/MPEG2,AVCHD)	Renderer (Video/MPEG2,AVCHD)	Renderer (Video/MPEG2,AVCHD)
		Client (Photo/JPEG)	Client (Photo/JPEG)	Client (Photo/JPEG)	Client (Photo/JPEG)
		Client (Music/LPCM,MP3)	Client (Music/LPCM,MP3)	Client (Music/LPCM,MP3)	Client (Music/LPCM,MP3)
		Client (Video/MPEG2,AVCHD)	Client (Video/MPEG2,AVCHD)	Client (Video/MPEG2,AVCHD)	Client (Video/MPEG2,AVCHD)
	DLNA	Yes	Yes	Yes	Yes
	Photo MAP	Yes	Yes	Yes	Yes
	"BRAVIA" internet video	Yes	Yes	Yes	Yes
Power	Power requirements (voltage)	AC 220-240V	AC 220-240V	AC 220-240V	AC 220-240V
	Power requirements (frequency)	50Hz	50Hz	50Hz	50Hz
General features	Finish (surface colour)	Black	Black	Black	Black
	Demo mode	Yes	Yes	Yes	Yes
	Hotel mode menu	Yes	Yes	Yes	Yes
	RS-232C control	Yes	Yes	Yes	Yes
	InstaPort™	Yes	Yes	Yes	Yes
	XMB	Yes	Yes	Yes	Yes
	Audio return channel	Yes	Yes	Yes	Yes
Convenience features	BRAVIA sync	Yes	Yes	Yes	Yes
	BRAVIA sync menu button	Yes	Yes	Yes	Yes
	Control for HDMI (HDMI CEC)	Yes	Yes	Yes	Yes
	Theatre mode (theatre button)	Yes	Yes	Yes	Yes
	Theatre mode with cinema surround	Yes	Yes	Yes	Yes
	Auto picture setting with HDMI™	Cinema	Cinema	Cinema	Cinema
		Sports	Sports	Sports	Sports
		Music	Music	Music	Music
		Photo	Photo	Photo	Photo
		Graphics	Graphics	Graphics	Graphics
		Game	Game	Game	Game

*UK product codes are KDL55EX503PAEP, KDL46EX503PAEP, KDL40EX503PAEP, KDL32EX503PAEP

Series		BRAVIA B2B			
Model		**KDL55EX500PAEP***	**KDL46EX500PAEP***	**KDL40EX500PAEP***	**KDL32EX500PAEP***
	Auto photo mode	via HDMI	via HDMI	via HDMI	via HDMI
		via DLNA	via DLNA	via DLNA	via DLNA
		via USB	via USB	via USB	via USB
	Scene select	Auto	Auto	Auto	Auto
		Cinema	Cinema	Cinema	Cinema
		Sports	Sports	Sports	Sports
		Photo	Photo	Photo	Photo
		Music	Music	Music	Music
		Game	Game	Game	Game
		Graphics	Graphics	Graphics	Graphics
		OFF	OFF	OFF	OFF
	i-Manual	Yes	Yes	Yes	Yes
	Start up Sony logo display	Yes	Yes	Yes	Yes
	Ambient sensor	Yes	Yes	Yes	Yes
		SI	SI	SI	SI
	Label inputs	Yes	Yes	Yes	Yes
	Input skip	Automatic	Automatic	Automatic	Automatic
	On screen clock	Yes	Yes	Yes	Yes
	Sleep timer	Yes	Yes	Yes	Yes
	On/Off timer	Yes	Yes	Yes	Yes
	USB application(s)	Photo Viewer (jpeg)	Photo Viewer (jpeg)	Photo Viewer (jpeg)	Photo Viewer (jpeg)
		Photo Viewer (RAW)	Photo Viewer (RAW)	Photo Viewer (RAW)	Photo Viewer (RAW)
		Music Player (mp3)	Music Player (mp3)	Music Player (mp3)	Music Player (mp3)
		Video Player (AVCHD)	Video Player (AVCHD)	Video Player (AVCHD)	Video Player (AVCHD)
		Video Player (DivX)	Video Player (DivX)	Video Player (DivX)	Video Player (DivX)
		Video Player (AVC)	Video Player (AVC)	Video Player (AVC)	Video Player (AVC)
		Video Player (MPEG4)	Video Player (MPEG4)	Video Player (MPEG4)	Video Player (MPEG4)
	USB player	Yes	Yes	Yes	Yes
	Picture frame mode	Yes	Yes	Yes	Yes
	Quick start	Yes	Yes	Yes	Yes
	On-screen display for external input	Yes	Yes	Yes	Yes
	Stand swivel	Yes	Yes	Yes	Yes
	Stand swivel range	Left 20°/Right 20°	Left 20°/Right 20°	Left 20°/Right 20°	Left 20°/Right 20°
	Wireless LAN	Ready	Ready	Ready	Ready
	Favourites	Yes	Yes	Yes	Yes
Energy saving & efficiency	PC power management	Yes	Yes	Yes	Yes
	Eco settings	Yes	Yes	Yes	Yes
	Power saving modes	Yes	Yes	Yes	Yes
	Dynamic backlight control	Yes	Yes	Yes	Yes
	Backlight off mode	Yes	Yes	Yes	Yes
Service and warranty information	Limited warranty term	3 years warranty	3 years warranty	3 years warranty	3 years warranty
	Online instruction manual	Yes	Yes	Yes	Yes
Supplied accessories	Remote control	RM-ED035	RM-ED035	RM-ED035	RM-ED035
	Batteries	Type AAA x2	Type AAA x2	Type AAA x2	Type AAA x2
	AC power cord	Yes	Yes	Yes	Yes
Optional accessories	Wallmount bracket	SU-WL500	SU-WL500	SU-WL500	SU-WL500

*UK product codes are KDL55EX503PAEP, KDL46EX503PAEP, KDL40EX503PAEP, KDL32EX503PAEP

Full HD 1080	Full HD 1080	Full HD 1080
SLIM-BEZEL – FULL HD		
FWD-S47H1	**FWD-S42H1**	**FWD-S42E1**
a-Si TFT Active Matrix LCD Panel	**a-Si TFT Active Matrix LCD Panel**	**a-Si TFT Active Matrix LCD Panel**
47"	**42"**	**42"**
1920 x 1080	**1920 x 1080**	**1920 x 1080**
1920 x 1200	**1920 x 1200**	**1920 x 1200**
700 cd/m²	**700 cd/m²**	**500 cd/m² max/ 230 cd/m² typical**
1000:1	**1000:1**	**1000:1**
178°/178°	**178°/178°**	**178°/178°**
0.5415 x 0.5415mm	**0.4845 x 0.4845mm**	**0.4845 x 0.4845mm**
1.06 billions	**1.06 billions**	**1.06 billions**
1040 x 585mm	**930 x 523mm**	**930 x 523mm**
RGB / Component Video [HD15] DVI-D	RGB / Component Video [HD15] DVI-D	RGB / Component Video [HD15] DVI-D
Composite Video [BNC] S-Video [mini-DIN4]	Composite Video [BNC] S-Video [mini-DIN4]	-
[Stereo mini jack] x3	[Stereo mini jack] x3	[Stereo mini jack] x2
LAN [RJ45] / RS232C* / S Control*	LAN [RJ45] / RS232C* / S Control*	RS232C / LAN [RJ45]*
RGB / Component Video [HD15]	RGB / Component Video [HD15]	-
Composite Video [BNC]	Composite Video [BNC]	-
[Stereo mini jack] x1	[Stereo mini jack] x1	-
Speaker Output [L/R] 6ohms 7W+7W	Speaker Output [L/R] 6ohms 7W+7W	Speaker Output [L/R] 6ohms 7W+7W
-	-	Control S (mini jack) *
NTSC, PAL, NTSC4.43, PAL-M, PAL60, PAL-N	NTSC, PAL, NTSC4.43, PAL-M, PAL60, PAL-N	NTSC, PAL, NTSC4.43, PAL-M, PAL60, PAL-N
13.5MHz to 162MHz	13.5MHz to 162MHz	13.5MHz to 162MHz
AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100 ~ 240V, 50/60Hz
279W	248W	160W (max.)/ 98W typical
1W [Network not supported]	1W [Network not supported]	< 0.5W
1080x627x129mm	972x565x125mm	972x565x125mm
1194x739x307mm	1084x700x280mm	1084x700x280mm
28.0Kg	25.0Kg	25.0Kg
35.0Kg	30.0Kg	30.0Kg
1 [Video/Com Port]	1 [Video/Com Port]	1 [Video/Com Port]
-	-	-
Yes / Yes	Yes / Yes	- / -
2x2 / 3x3 / 4x4 1x2 / 1x3 / 1x4 2x1 / 3x1 / 4x1	2x2 / 3x3 / 4x4 1x2 / 1x3 / 1x4 2x1 / 3x1 / 4x1	2x2 / 3x3 / 4x4 1x2 / 1x3 / 1x4 2x1 / 3x1 / 4x1
Bluish Black	Bluish Black	Bluish Black
0°C ~ 35°C [32°F ~ 95°F]	0°C ~ 35°C [32°F ~ 95°F]	0°C ~ 35°C [32°F ~ 95°F]
20% ~ 90% [no condensation]	20% ~ 90% [no condensation]	20% ~ 90% [no condensation]
-10°C ~ 40°C [14°F ~ 104°F]	-10°C ~ 40°C [14°F ~ 104°F]	-10°C ~ 40°C [14°F ~ 104°F]
20% ~ 90% [no condensation]	20% ~ 90% [no condensation]	20% ~ 90% [no condensation]
AC Power Cord x1 AC Plug Holder x2 LAN cable x1 Remote Control RM-FW002 x1 Size AA [R6] Batteries x2 Cable Holder x8 Operating Instructions x1	AC Power Cord x1 AC Plug Holder x2 LAN cable x1 Remote Control RM-FW002 x1 Size AA [R6] Batteries x2 Cable Holder x8 Operating Instructions x1	AC Power Cord x1 AC Plug Holder x2 Remote Control RM-FW002 x1 Size AA [R6] Batteries x2 AC Plug Holder x2 Cable Holder x8 Operating Instructions x1
Display Stand SU-S01 Speakers SS-SPG02	Display Stand SU-S01 Speakers SS-SPG02	Display Stand SU-S01 Speakers SS-SPG02
Yes	Yes	Yes
Yes	Yes	No (Built-in)
Yes	Yes	Yes
Yes	Yes	Yes
No (Built-in)	No (Built-in)	No (Built-in)
Yes	Yes	Yes
No (Built-in)	No (Built-in)	No
No (Built-in)	No (Built-in)	Yes
UL 60950-1, CSA No. 60950-1-03 (c-UL), FCC Class B, IC Class B, EN 60950-1 (NEMKO), CE, C-Tick	UL 60950-1, CSA No. 60950-1-03 (c-UL), FCC Class B, IC Class B, EN 60950-1 (NEMKO), CE, C-Tick	UL 60950-1, CSA No. 60950-1-03 (c-UL), FCC Class B, IC Class B, EN 60950-1 (NEMKO), CE, C-Tick
* via option board BKM-FW21	* via option board BKM-FW21	* via option board BKM-FW32

FWD-S47H1/FWD-S42H1/FWD-S42E1

47" and 42" Slim Bezel Full HD Displays.

These stylish 47" and 42" displays combine the astounding picture quality of 1920 x 1080 Full High Definition in a slim bezel format, together with a host of application-enhancing features.

The combination of the slim bezel design and the Full HD resolution make these screens the perfect choice for captivating and colourful video walls. The rich, vibrant Full HD images are captivating from 10 metres and crystal clear at two metres, with a wider viewing angle perfect for retail, promotions, signage and corporate display. These displays also have an array of specialist features for the retail, broadcast, corporate and medical applications.

Applications

The combination of Full HD picture and ultra slim bezel creates a powerful visual impact ideal for video walls. Specialist HDSDI interfaces support broadcast and medical applications. Furthermore, the FWD-S42H1 and FWD-S47H1 LCD models also have Gamma setting in accordance with GSDF and DICOM standards for medical use. Plus, the Conference mode incorporated in all three of the displays make them suitable for video conferencing applications.

Key features

1080 Full HD
1080 Full High Definition refers to 1080 lines. This is the common broadcast format and 1080 Full HD replicates this exactly. All 1080 Full HD models are also HD ready but have a higher resolution of 6.2 megapixels to deliver clarity.

Slim Bezel – 19mm Thin Bezel
Our slimmest ever 19mm bezel optimises the screen area and creates sensational multiple applications like video walls and larger messaging installations.

Eco-friendly
Innovative use of backlighting has enabled us to create industry-leading brightness with a power consumption of just 210w (FWD-S47H1 and FWD-S42H1) and less than 100W with the eco-friendly FWD-S42E1 model.

Range of Connectivity Options
These displays come with an array of connectivity options: High Definition connectivity options include HDSDI, HDMI and DVI–HDCP inputs. Also RS-232C and Control-S connections are available with one of the Option Boards.* Furthermore, the FWD-S42H1 and FWD-S47H1 include an in-built RJ-45 network connection.

* Please refer to 'Accessories' section

Other features

High Level of Brightness (LCD Panel) - 700 cd/m^2. (FWD-S42E1 has brightness of 500 cd/m^2).

Contrast Ratio of 1000:1

Overscan On/Off Feature

Five Picture Modes
(FWD-S42E1 has Four Picture Modes).

Three Screen Saver Functions

Video-conferencing Mode – screw holes on top for IPELA VC camera mount.

DICOM-simulated Gamma – Allows for Simple Picture Viewing for Education and second viewing radiology. (This feature is not available on the FWD-S42E1).

Accessories.

Sony Professional also offers an extensive range of digital signage accessories. Please see below for an overview of the hardware accessories available which range from speakers to digital signage players.

Optional Boards:

BKM-FW10 ■
Input Board Video Composite and S-Video

BKM-FW11 ■■
Component/RGB Input Adaptor (5BNC)

BKM-FW15 ■■
Double HDMI Input Adaptor

BKM-FW16 ■■
HD-SDI/SDI Input Adaptor

BKM-FW21 ■■
Monitor Control Adaptor

BKM-FW32 ■
Network Management Board for FWD series

■ **GXD-L65H1 / GXD-L52H1**

■ **FWD-S47H1 / FWD-S42H1 / FWD-S42E1**

Digital Signage Player:

BKM-FW50
Digital Signage Board/Streaming Receiver Adaptor

VSP-NS7
Digital Signage Player

Speakers:

SS-SPG02
Speaker System

Display Stand:

SU-S01
Display Stand

BRAVIA B2B

55"-32" Entry Level Full HD Displays.

BRAVIA B2B

Sony BRAVIA style, value and cutting-edge technology is now available for Digital Signage networks.

BRAVIA is Sony's acclaimed range of LCD televisions. Famous for setting the trend for design and performance, BRAVIA displays are now part of Sony's end-to-end digital signage solution.

Updated for professional use and with a 3 year warranty, the BRAVIA B2B range brings affordability and up-to-the minute performance to Sony's integrated hardware and software digital signage solutions.

This screen is available in sizes 55" to 32".

Applications

With the entry-level solution in mind, the BRAVIA B2B displays are ideal retail, venue, educational and corporate installations. It's the ideal screen to fit into smaller spaces.

KDL40EX500PAEP*

Key features

1080 Full HD
Sharp, pristine Full HD 1920 x 1080 native resolution for excellent picture quality and easy to view digital signage.

RS232 for Remote Control
This is the standard remote control interface for digital signage applications and gives you more input and settings management.

3 Year Warranty
In order to meet your professional requirements.

HDMI, Component and PC Inputs
These come with all the main current inputs, for easy connection to computer-based players, DVD and Blu-Ray players and many older systems.

USB Playback
Play media from a USB memory stick, straight into the screen itself. This is a simple way to use the screen for product presentations and picture shows – and a portable solution for you.

Other features

Eco Settings
Quickly access a variety of eco settings which reduce power consumption.

Bring the Internet to the Big Screen
Explore an online world from your TV screen with BRAVIA Internet Video. Watch news, video clips or catch up on your favourite TV shows when you want to. This Wi-Fi® ready model connects you to the future of TV viewing.

Wide Viewing Angle
Essential for digital signage, a wide viewing angle means that the screen image will be visible in full quality from the side as well as in front of the screen. Viewers will see the full impact of the screen presentation as they approach the screen from the side.

*UK product code is KDL40EX503PAEP

At Sony Professional we believe images have immeasurable power

Images nurture life
connect cultures
grow economies
deliver justice
inspire education
energise entertainment
advance science
liberate imagination
capture history
even promote peace

We use the power of images to increase business value

We turn images into assets

This is Visual Wealth

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Sony Professional is the leading supplier of AV/IT solutions to businesses across a wide variety of sectors including, **Media and Broadcast**, **Video Security and Retail, Transport & Large Venue markets**. It delivers products, systems and applications to enable the creation, manipulation and distribution of digital audio-visual content that add value to businesses and their customers. With over 25 years' experience in delivering innovative market-leading products, **Sony Professional** is ideally placed to deliver exceptional quality and value to its customers. **Sony's Professional Services** division, its systems integration arm, offers its customers access to the expertise and local knowledge of skilled professionals across Europe. Collaborating with a network of established technology partners, Sony Professional delivers end to end solutions that address the customer's needs, integrating software and systems to achieve each organisations' individual business goals. For more information please visit **www.pro.sony.eu**

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